

Photometric test report

Family
Monsun® 11

Order number: **51FF40MP350L**
EAN: **4069025611857**

LP number
59020_11

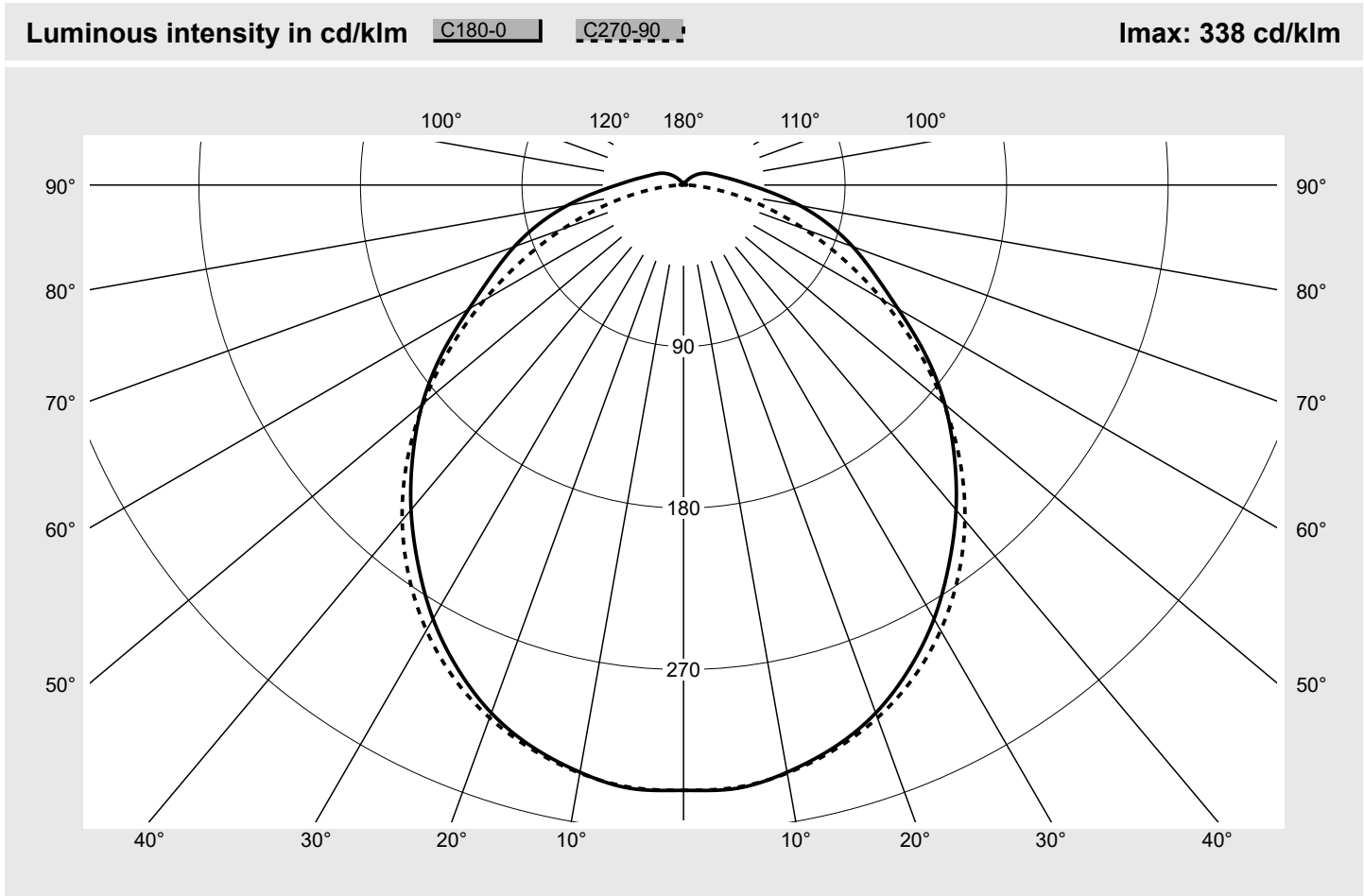


Version
prismatic diffuser, opal, PMMA, impact resistant, wide distribution
Lamps
LED 3000 K | CRI ≥ 80
Controlgear
ECG Multilumen
Rated values
Net luminous flux = 5820 lm
Power consumption = 31.5 W
Luminous efficacy = 184.8 lm/W

serial
documentation
13.11.2025

sit

eco



Classifications		Luminaire light output ratios	
DIN 5040	A 4 1	η_{LB}	100.0%
CIE	N1=47 N2=77 N3=93	ϕ_u	94.8%
	N4=95 N5=100	ϕ_o	5.2%
Measurement conditions			
DIN EN 13032 and DIN 5032			

Photometric test report

Family Monsun® 11	Order number: 51FF40MP350L EAN: 4069025611857	LP number 59020_11
Table of values for luminous intensities		Maximum luminous intensity
		siteco

C- planes	0° 180°	15° 165° 195° 345°	30° 150° 210° 330°	45° 135° 225° 315°	60° 120° 240° 300°	75° 105° 255° 285°	90° 270°	Phi-zone	Total Phi-zone
γ	Luminous intensity in cd/klm							Luminous flux in lm/klm	
0°	337.3	337.3	337.3	337.3	337.3	337.3	337.3	2.0	2.0
5°	337.5	336.4	334.5	335.8	337.2	336.9	336.9	16.1	18.1
10°	332.2	331.9	329.8	331.2	333.0	332.9	332.8	31.6	49.7
15°	324.3	324.6	322.6	323.9	325.4	325.8	325.7	46.0	95.7
20°	313.1	314.1	312.1	313.6	315.1	315.7	315.9	58.9	154.6
25°	297.5	298.9	297.5	299.8	301.9	302.4	303.0	69.5	224.1
30°	279.2	281.0	279.9	281.8	284.8	285.5	286.5	77.5	301.6
35°	257.9	260.0	259.0	261.1	264.4	265.2	266.6	82.4	384.0
40°	236.2	237.9	236.5	237.1	240.1	242.3	243.9	84.2	468.2
45°	213.3	214.4	212.9	211.4	213.4	215.8	217.9	82.9	551.1
50°	190.1	190.6	188.8	186.3	185.4	186.8	189.1	78.9	630.0
55°	164.5	165.1	164.4	160.2	157.7	156.9	158.8	72.3	702.3
60°	138.1	138.1	137.0	134.7	130.2	127.4	128.2	63.3	765.6
65°	117.3	116.4	112.4	108.2	104.2	99.4	98.8	53.7	819.3
70°	100.3	99.0	91.7	84.5	79.3	73.6	71.6	44.1	863.5
75°	83.2	81.7	74.7	65.1	57.1	50.8	47.3	34.8	898.3
80°	65.8	64.5	59.3	48.9	38.3	30.8	26.4	25.9	924.2
85°	49.5	48.3	44.5	35.6	23.7	15.0	10.1	17.9	942.1
90°	37.1	36.3	33.4	26.4	15.8	6.7	2.1	12.6	954.7
95°	29.4	28.9	27.0	22.0	13.4	5.0	1.8	10.2	964.9
100°	23.9	23.5	21.8	17.7	11.0	3.7	1.6	8.1	973.0
105°	20.2	19.6	17.9	14.3	8.4	2.4	1.4	6.5	979.5
110°	17.5	16.7	15.0	11.5	6.2	1.4	1.2	5.2	984.7
115°	15.3	14.5	12.7	9.2	4.4	1.2	1.1	4.2	988.8
120°	13.2	12.3	10.5	7.1	2.9	1.2	1.0	3.2	992.1
125°	11.0	10.1	8.2	5.1	1.7	1.1	1.0	2.4	994.5
130°	8.6	7.8	6.1	3.4	1.3	1.0	1.0	1.7	996.2
135°	6.4	5.7	4.2	2.0	1.3	1.0	1.0	1.2	997.3
140°	4.2	3.7	2.5	1.6	1.3	1.1	1.1	0.7	998.1
145°	2.4	2.1	1.8	1.6	1.3	1.1	1.1	0.5	998.6
150°	1.9	1.8	1.7	1.5	1.2	1.2	1.2	0.4	999.0
155°	1.7	1.7	1.6	1.5	1.3	1.3	1.3	0.3	999.4
160°	1.6	1.6	1.5	1.3	1.3	1.3	1.3	0.3	999.6
165°	1.3	1.3	1.3	1.3	1.3	1.3	1.3	0.2	999.8
170°	1.3	1.3	1.3	1.3	1.3	1.3	1.3	0.1	999.9
175°	1.3	1.3	1.3	1.3	1.3	1.4	1.4	0.1	1000.0
180°	1.3	1.3	1.3	1.3	1.3	1.3	1.3	0.0	1000.0

Photometric test report

Family Monsun® 11			Order number: 51FF40MP350L EAN: 4069025611857							LP number 59020_11		
UGR-Table									Standard room		siteco	
Reflection factor of ceiling		0.7	0.7	0.5	0.5	0.3	0.7	0.7	0.5	0.5		0.3
Reflection factor of walls		0.5	0.3	0.5	0.3	0.3	0.5	0.3	0.5	0.3		0.3
Reflection factor of floor		0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2		0.2
Room dimensions		View crosswise (C0)					View endwise (C90)					
x	y											
2H	2H	19.9	21.6	20.2	21.9	22.2	20.1	21.8	20.5	22.1	22.5	
	3H	21.5	23.0	21.9	23.4	23.7	21.4	23.0	21.8	23.3	23.7	
	4H	22.3	23.7	22.7	24.1	24.5	21.9	23.4	22.3	23.7	24.1	
	6H	23.0	24.4	23.5	24.8	25.1	22.3	23.6	22.7	24.0	24.4	
	8H	23.4	24.7	23.8	25.0	25.4	22.4	23.7	22.8	24.0	24.4	
	12H	23.7	24.9	24.1	25.3	25.7	22.4	23.6	22.9	24.0	24.4	
4H	2H	20.6	22.0	20.9	22.4	22.7	20.8	22.2	21.2	22.6	22.9	
	3H	22.4	23.6	22.8	24.0	24.4	22.3	23.5	22.7	23.9	24.3	
	4H	22.3	24.4	23.8	24.8	25.3	22.9	24.0	23.3	24.4	24.8	
	6H	24.2	25.2	24.7	25.6	26.1	23.3	24.3	23.8	24.7	25.2	
	8H	24.7	25.6	25.1	26.0	26.5	23.4	24.4	23.9	24.8	25.3	
	12H	25.1	25.9	25.5	26.3	26.8	23.5	24.4	24.0	24.8	25.3	
8H	4H	23.6	24.5	24.1	25.0	25.5	23.2	24.1	23.7	24.6	25.0	
	6H	24.7	25.5	25.2	26.0	26.4	23.8	24.6	24.3	25.0	25.5	
	8H	25.3	25.9	25.8	26.4	26.9	24.0	24.7	24.5	25.2	25.7	
	12H	25.8	26.4	26.3	26.9	27.4	24.1	24.7	24.7	25.2	25.8	
12H	4H	23.7	24.5	24.2	24.9	25.4	23.3	24.1	23.8	24.6	25.1	
	6H	24.8	25.5	25.3	26.0	26.5	23.9	24.6	24.4	25.1	25.6	
	8H	25.4	26.0	25.9	26.5	27.0	24.2	24.8	24.7	25.3	25.8	

Luminance table		Max. for $\gamma \geq 65^\circ$		Photometric dimensions in mm:		L = 1590 B = 87	H(C0) = 21 H(C90) = 21	H(C180) = 21 H(C270) = 21
C-planes	γ	0° 180°	15° 165° 195° 345°	30° 150° 210° 330°	45° 135° 225° 315°	60° 120° 240° 300°	75° 105° 255° 285°	90° 270°
			Luminance in cd/m²					
45°		10225.1	10314.8	10419.7	10659.3	11217.8	11943.2	12797.8
50°		9661.3	9730.2	9832.7	10042.0	10484.9	11221.5	12186.3
55°		8973.0	9051.4	9217.3	9346.6	9728.8	10390.6	11435.2
60°		8194.0	8245.8	8394.7	8638.5	8914.5	9480.9	10543.5
65°		7697.6	7687.3	7652.3	7774.0	8085.2	8519.0	9569.3
70°		7418.6	7383.9	7083.4	6953.2	7156.8	7501.3	8500.2
75°		7113.9	7057.6	6727.2	6328.9	6217.6	6441.5	7329.1
80°		6734.4	6675.0	6464.0	5860.7	5304.6	5224.5	5942.2
85°		6352.7	6301.1	6201.8	5617.7	4561.7	3888.3	4216.4

Photometric test report

Family
Monsun® 11

Order number: **51FF40MP350L**
EAN: **4069025611857**

LP number
59020_11

Luminance values in cd/m²

γ 65°

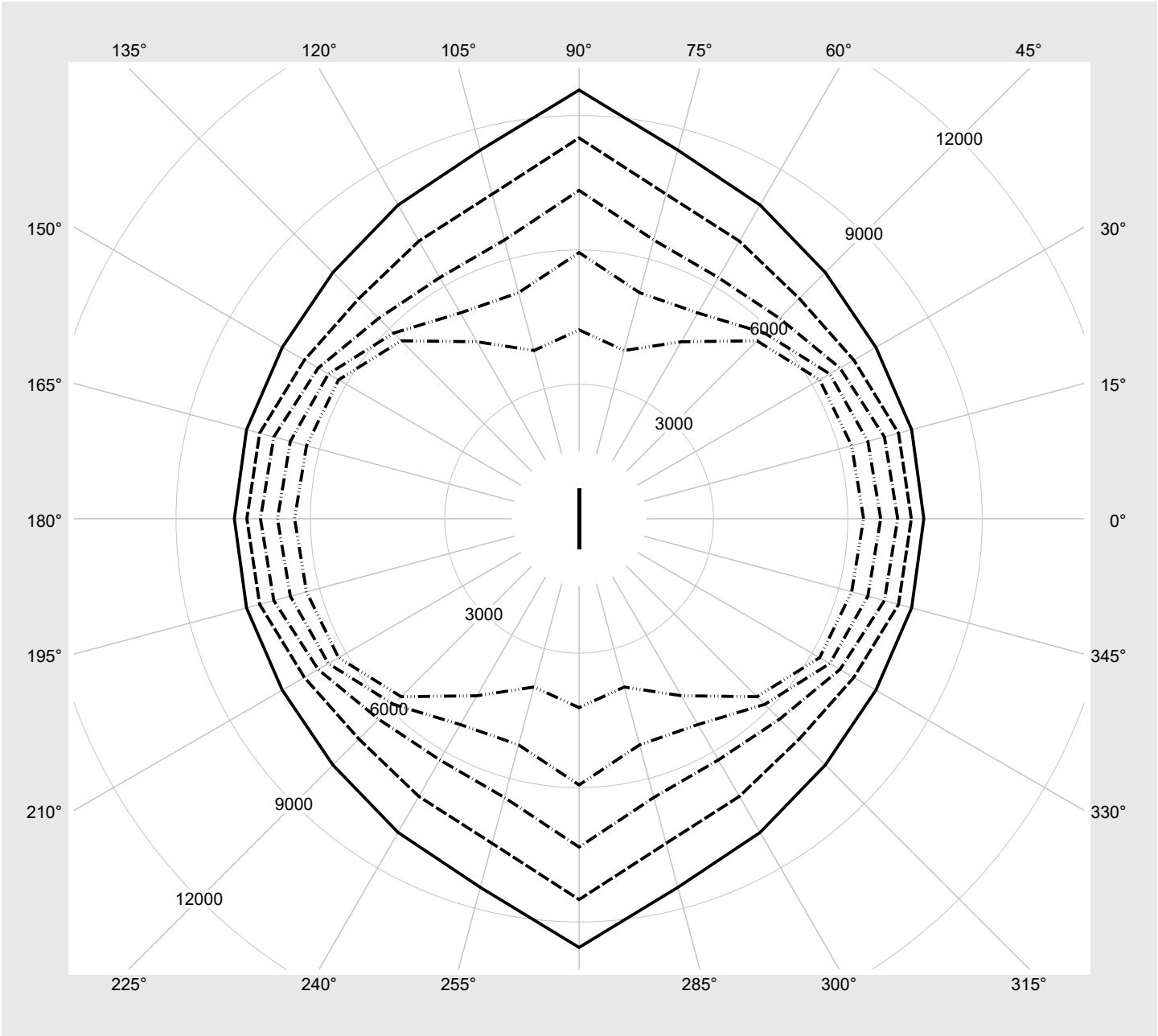
γ 70°

γ 75°

γ 80°

γ 85°

siteco



Photometric test report

Family Monsun® 11	Order number: 51FF40MP350L EAN: 4069025611857	LP number 59020_11
Multilumen Table	environmental temperature: 25°C	siteco

DIP-Step	Switch Setting			Luminous flux [lm]	Power consumption [W]
	1	2	3		
1	A	C	E	5820	31.5
2	A	C	F	5600	30.3
3	A	D	E	5310	28.7
4	A	D	F	5010	27.0
5	B	C	E	4720	25.4
6	B	C	F	4430	23.8
7	B	D	E	4250	22.8
8	B	D	F	4080	21.9